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Ertherla; Frimates; Ortarinini; Hominidae; Home.
            REFERENCE OF
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            Tyadhyaya,A.B., Ler,C.H. and DrJong,J.
            Identification of a general transcription factor TFIIAalpha/beta
homolog selectively expressed in testis
            J. Biol. Chem. 274 (25), 18040-18048 (1999)
  COURNAL
  MEDLINE
            99292779
REFERENCE
            2 (bases 1 to 1617)
  AUTHORS
            Upadhyaya, A.B. and LeJong, L.
  mimi.E
            Mirest Submission
            Jahmittei (18-17-1998) Milecular and Cell Fielogy, The University
  THERMAL
             : Texas at Dallas, 2601 M. Floyd Rd., Pichardson, TX 55080, TSA
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1. .1617
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l.b	1 *# 1	AAAGATGUTSTTATGTGTTTTGGAGGGGAGAGACTATGTATTTGCAAAAGATGTGTTATGTGAT	1440
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BASE COUNT ORIGIN 1149 a 302 d 811 g 1062 t

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2	€ ^S A	gdaaatgagtataaaat ngtgmingaadhtttgttgtigtigtat naggaaagttotbaistat 	734
:11	, 1 w . 4 °	COAAATOACCATAAAATOGTGCCTGAAOOTTTGTTGTGTCATCAGGAAAGTTCTCACTAT	2949
ÇΑ	739	atcagtottccaggtgttgtattttctccacaggtctctcaaacaaa	798
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RESULT 3 AC023827/c AC023827 151767 bp DNA HTGLOCUS Homo sapiens chromosome 16 cione KF11-42110, WORKING DRAFT DEFINITION SEQUENCE, 3 unordered pieces. ACCESSION ACC23827 AC023827.2 GI:7211923 VERSION. KEYWORDS HTG; HTGS PHASE1; HTGS DRAFT. SOURCE human. ORGANISM Homo sapiens Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo. REFERENCE 1 (bases 1 to 151767) DOE Joint Genome Institute. AUTHORS TITLE Sequencing of Human Chromosome 16 JOURNAL **Unpublished** REFERENCE 2 (bases 1 to 151767) AUTHORS DOE Joint Genome Institute. TITLE Direct Submission JOURNAL Submitted [18-FEB-2000] Production Sequencing Facility, DOE Joint Genome Institute, 2800 Mitchell Drive, Walnut Creek, CA 94598, USA On Mar 9, 2000 this sequence version replaced gi:6997147. COMMENT -----Genome Conter Center: Mint Genome Institute Center Code: 16! Web Colors Edge www.lace.acc Estimated insert size: Is I; agarose-fg estimation Quality coverage: 4.30% in Q20 bases; agarose-tp estimation tomorphism is a two same branch or process. It correctly to a minimum of the control and the state of the present of the present of the control and the

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REFERENCE
  AUTHORS
TITLE
             Handa, H.
             Direct Samission
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             Handa, Tokyo Institute of Technology, Fabulty of Bioscience and
             Birterhnology; 4759 Nagatsuta-cho, Midori-ku, Yokohama, Kanagawa
             226-8501, Japan (Tel:348-922-1111, Fax:048-923-0380)
2 'bases 1 to 1199'
REFERENCE
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             Watanabe, H., Oguri, K., Wada, T., Imal, T., Shiroya, T. and Handa, H.
  TITLE
             Isolation of two cPNAs that enture the large subunit of human
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  JOURNAL
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  Query Match
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RESTLT HUMTFIIAB MRNA Logus HUMTFIIAF 1549 pp FRI 04-FEB-1999 Human mRNA for TFIIA-42, complete dds. DEFINITION D14887 ACCESSION VERSION D14887.1 GI:727196 KEYWORDS TFIIA-42; transcription factor. Homo sapiens cell line: HeLa-S3 cDNA to mRNA, clone lib: lambda gt10. SOURCE ORGANISM Homo sapiens Eukaryota; Metazoa; Chordata; Vertebrata; Mammalia; Eutheria; Primates; Catarrnini; Hominidae; Homo. 1 (bases 1 to 1549) REFERENCE AUTHORS Handa, H. TITLE Direct Submission JOURNAL Submitted (05-APF-1993) to the DDBJ/EMBL/GenBank databases. Hiroshi Handa, Tokyo Institute of Technology, Faculty of Bioscience and Biotechnology; 4259 Nagatsuta-cho, Midori-ku, Yokohama, Kanagawa 226-3501, Japan (Tel:045-922-1111, Fax:045-923-0380) 2 (bases 355 to 1549) REFERENCE Watanabe, H., Oguri, K., Wada, T., (mai, T., Shiroya, T. and Handa, H. AUTHORS TITLE Isolation of two cDNAs that encode the large subunit of human transcription factor IIA JOURNAL Unpublished (1993) FEATURES Location/Qualifiers source 1. .1549 `ordanism≕"Homo sapiens" 'db xref="taxon:9606" oe∏l line="HeLa-S3" /clcne_lib="lambda gt10" 405. .1535 CDS 'note="(seq;435. .1549) is same as in D14886; major translational start" /codon start=1 brodučt=""TFIIA-42"" 'protein id="BAA03604.1" /db xref="GI:727197" /translation="MANSANINTVPKLYRSVIEDVINDVRDIFLDDGVDEQVLMELKT LWENKLMÇSRAVDGFHSEEQQLLLLQVQQQHQPQQQQHHHHHHHQQAQPQQTVPQQAQT ÇÇVLIPASQQATAPQVIVFDSKLIQHMNASNMSAAATAATLALPAGVTPVQQILTNSG $\verb"QLLQVVRAANGAQYIFQPQQSVVLQQQVIPQMQPGGVQAFVIQQVLAPLPGGISPQTG"$ VITQPQQELFTGNKTQVIPTTVAAPTPAQAQITATGQQQEQAQPAQTQAPLVLQVDGT GDTSSEEDEDEEDYDDDEEEDKEKDGAEDGOVEEEPLNSEDDVSDEEGOELFDTENV TOTO PROPER THE CHORENKEH FOR SOMEORISE THE FARAL GRAFFA. 7.4 美国主义 经收益 4.7 ; Italy 18.4; OF 9; Tenath 1949; Rest Local Similarity | 06.4 ; Fred. No. 1.3e-10; Matches 19; Conservative 1; Mismatches 9e; Indels 0; Gaps -1166 - raa raa ratigaba metit tibaaat raggatti hagina raaa ragtagtigataat gaal 1720

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ACCESSION
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VERSION
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F.E.FER.E.NCE
                                         1 (bases 1 to 1131)
       AUTHORS
                                      DeJong, J. and Roeder, R.G.
       TITLE
                                            A single cDNA, hTFIIA/alpha, encodes both the p35 and p19 subunits
                                            of human TFIIA
       JOUF.NAL
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      AUTEORS
                                       De Jong, J.L.
                                           Direct Submission
       TITLE
       JOUENAL
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FEATURES
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Dr	M., 1	GGAGCTGAAGATUGGCAG FIGGAAGAAGAGGCCCTCAATAGTGAAGATGATGTGAGTGAT	966
$\tilde{\gamma}_i \lambda_i$		caggatgrigoragascitgittgacas igailaatglaattgtotgtoagtatgailaagatt	
Db	967	GAGGAAGGACAGCACTTTGACACAGAAAATSTTGTTGTATGCCAATATGATAAGATA	1026
Qy	1348	categaageaagaacaaatggaaatt matityaaagatggtgttatgtgthtiggaggg	1407
Db	1027	CACAGAAGTAAAAACAAATGGAAATTTCATCTCAAGGATGGCATTATGAATCTTAATGGA	1086
ζŻ.	1409	agagactatotatotgcaaaagccattggtgatgcagagtggtaa 1452	
7h	1087	AGAGATTATATTTTCCAAAGCCATTGGAGATGCAGAATGGTGA 1131	

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